

What is claimed is:

1. A reed mounting apparatus which closely fixes a reed which is a vibrator attached on one surface of a mouth piece provided in the upper end of various wind instruments, the reed mounting apparatus comprising:

a lower support plate having a central hole through which a screw bolt is engaged movably up and down;

a circular or polygonal support ring formed on the upper surface of the lower support plate and made of a thin metal material; and

close adherence units which are formed with a predetermined gap on the inner circumferential surface of the support ring, and formed in the form of a sphere or a hemisphere having a predetermined diameter, in which the outer circumferential surfaces of the reed and the mouth piece contact the outer circumferential surface of the sphere formed by the spherically disposed close adherence units, to thereby minimize a contact area between the reed and the reed mounting apparatus.

2. The reed mounting apparatus of claim 1, wherein the close adherence units are positioned in the inner angular portions of the polygonal support ring.

3. The reed mounting apparatus of claim 1, wherein an insertion hole is formed in the end of the screw bolt, and a spherical or hemispherical rubber protrusion inserted into the insertion hole contacts the reed and the mouth piece.

4. The reed mounting apparatus of claim 1, further comprising a pressurized fixing plate which is made of a spherical or hemispherical metal piece combined with the end of the screw bolt, so as to contact the outer circumstantial surface of the reed in a point contact manner, and four edges of the metal piece are made to protrude in the lower portion of the metal piece so that a contact area contacting the reed can be minimized.